

13. (Currently amended) An image analysis system according to claim 12, which additionally determines ~~a visible characteristic~~ the size of the zone of inhibition, if any, surrounding ~~the located device~~ an AST disk.

14. (Previously presented) An analysis system according to claim 13, wherein the electronic information processing means includes or is linked to an expert system comprising a database of AST characteristics of known micro-organisms.

15. (Currently amended) An analysis system according to claim 13 including display means for displaying ~~the~~ an AST disk image of the located device.

16. (Previously presented) An analysis system according claim 13 wherein the diameter of the zone of inhibition is determined.

17. (Previously presented) An analysis system according to claim 13 wherein the system is programmed or trained to identify orientation means which comprises an underline printed beneath the multi-character code.

18. (Currently amended) An image analyser for use in determining the result of antibiotic susceptibility testing of micro-organisms on a culture medium, comprising:

a) camera means for viewing the culture medium;

b) electronic information processing means, linked to said camera means, programmed or trained to interpret any region of visibly altered micro-organism growth in the vicinity of a susceptibility testing device, ~~such as a disk,~~ comprising an AST disk according to claim 1 present on the culture medium, wherein said processing means is also programmed or trained to read ~~a character~~ said code on the ~~device~~ disk indicative of the susceptibility reagent in the device and to interpret orientation means incorporated in or on the ~~device~~ disk by which the